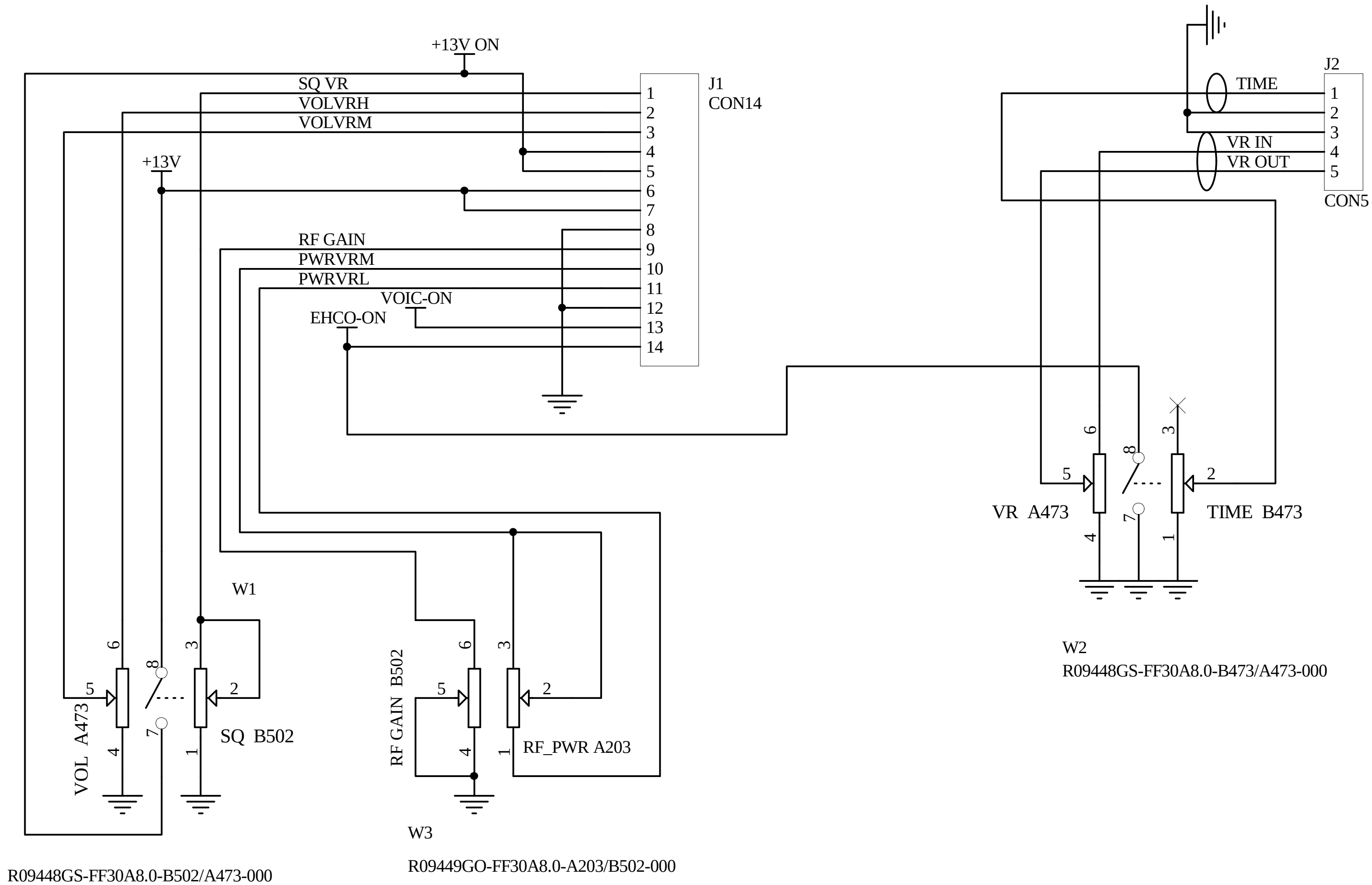
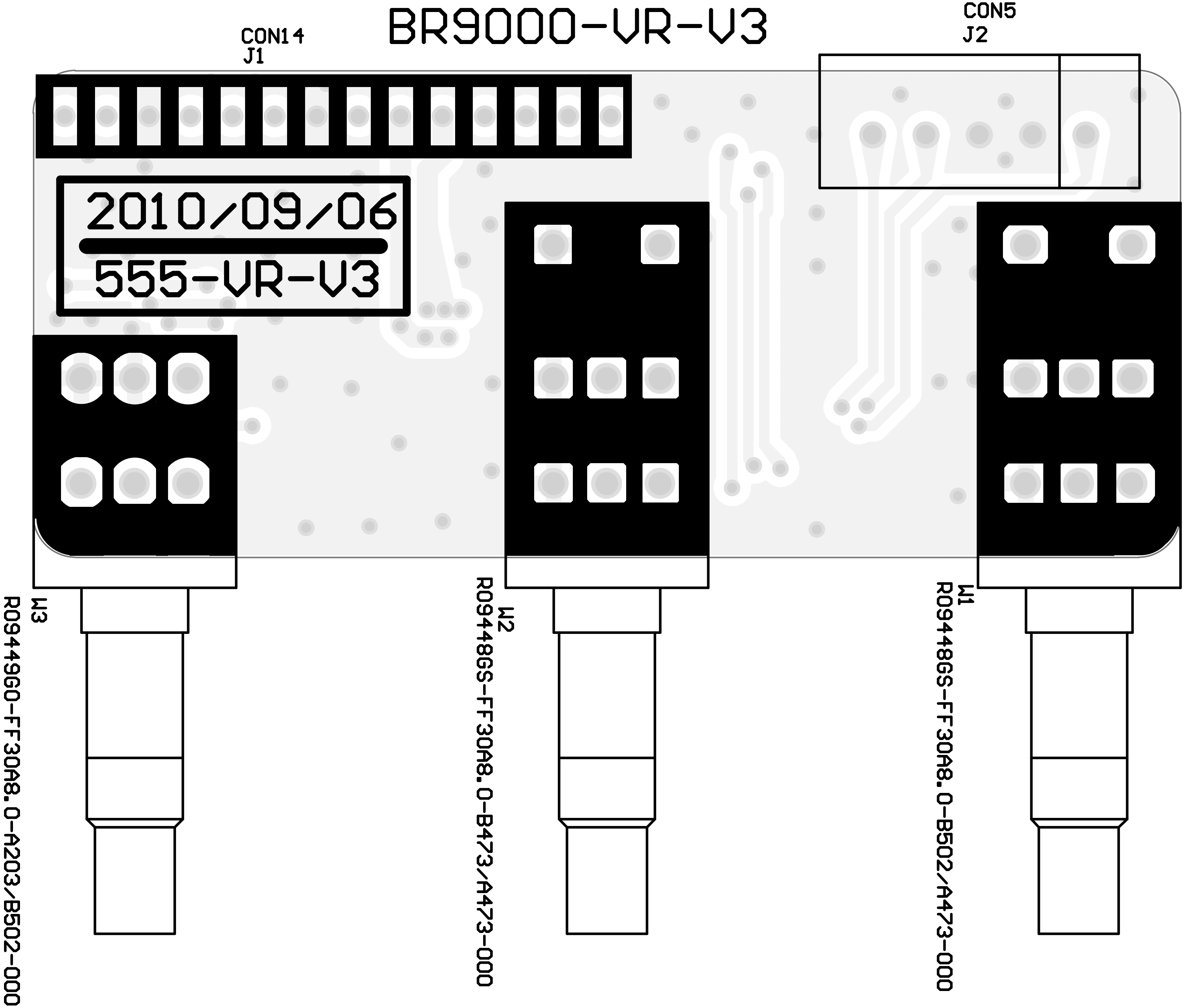


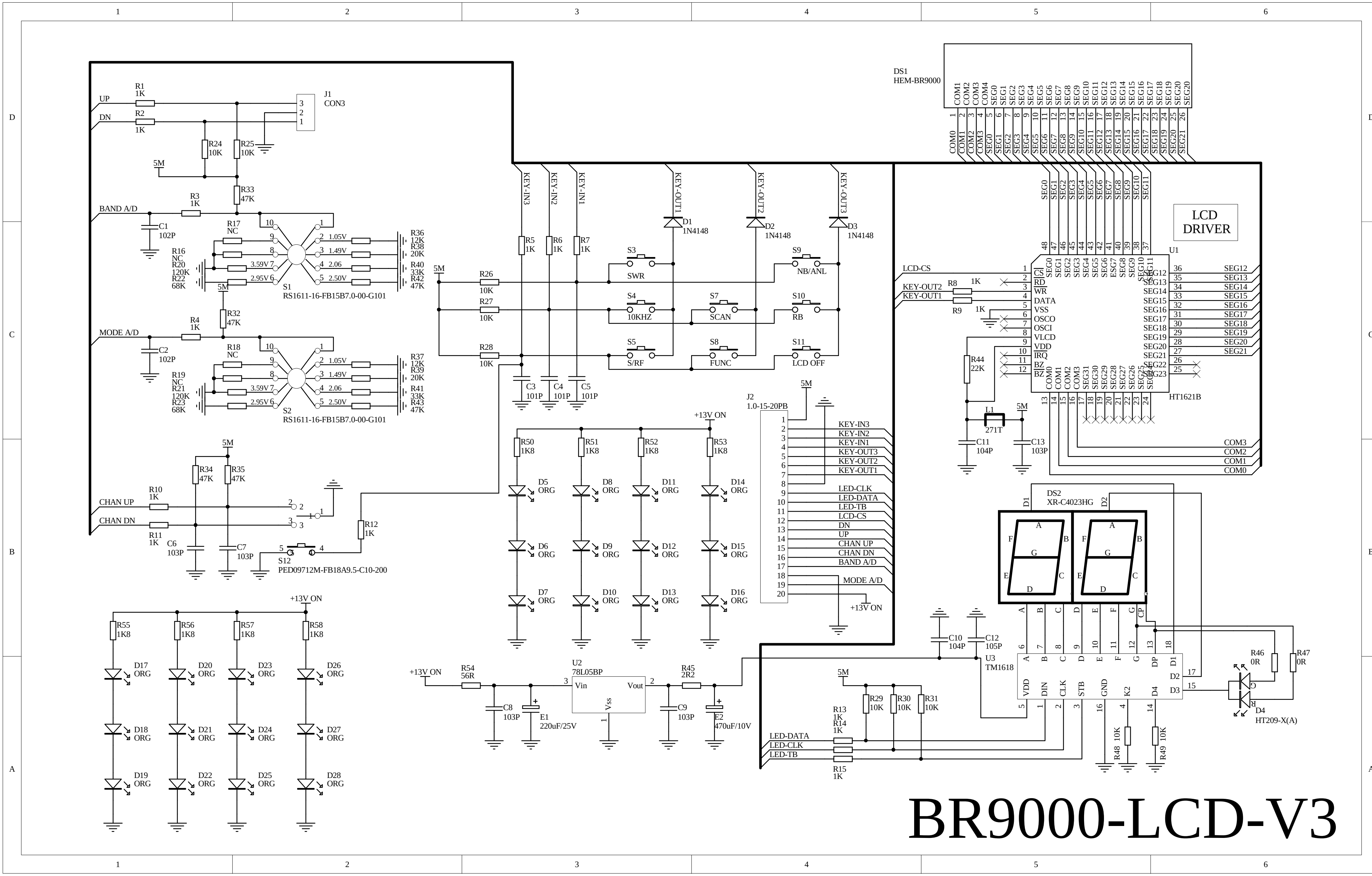
Service Manual V3


+13V ON
J1
CON14
SQ VR
VOLVRH
VOLVRM
+13V
RF GAIN
PWRVRM
PWRVRL
VOIC-ON
EHCO-ON
1
2
3
4
5
6
7
8
9
10
11
12
13
14
J2
CON5
TIME
VR IN
VR OUT
VR A473
TIME B473
W2
R09448GS-FF30A8.0-B473/A473-000
W1
VOL A473
SQ B502
RF GAIN B502
RF_PWR A203
W3
R09449GO-FF30A8.0-A203/B502-000
R09448GS-FF30A8.0-B502/A473-000

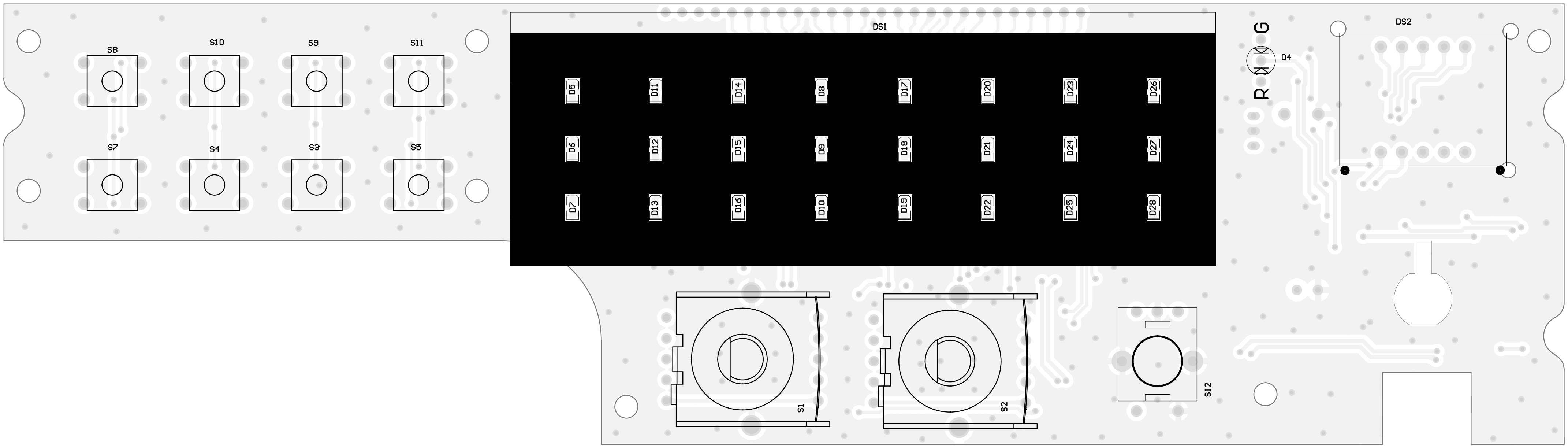
BR9000-VR-V3



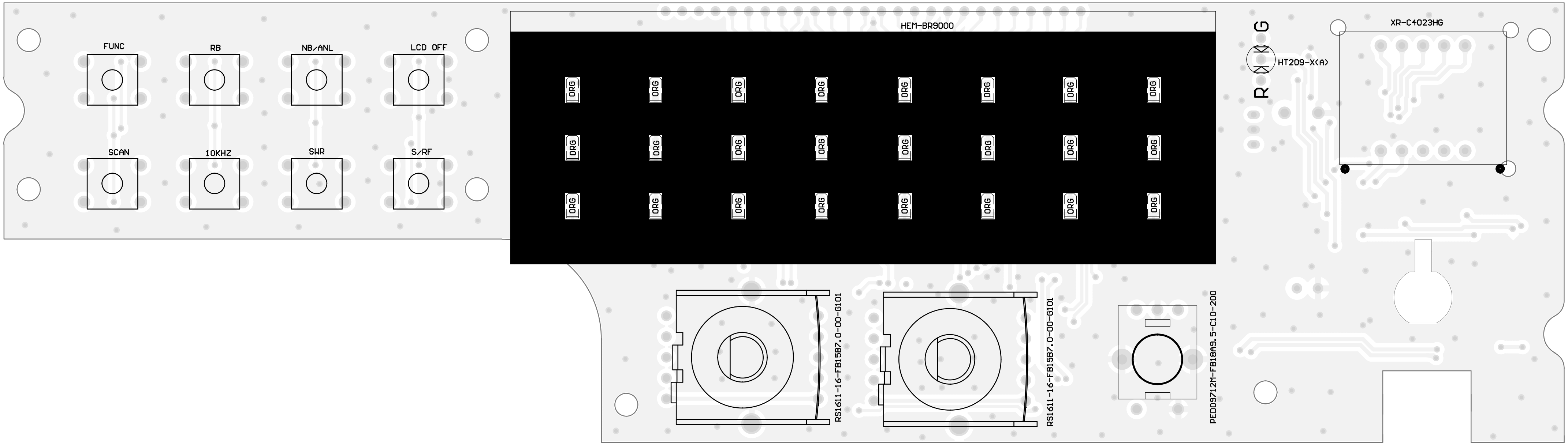
BR9000-VR-V3
CON14
J1
CON5
J2
2010/09/06
555-VR-V3
W3
R09449G0-FF30A8.0-A203/B502-000
W2
R09448GS-FF30A8.0-B473/A473-000
W1
R09448GS-FF30A8.0-B502/A473-000


DS1
HEM-BR9000
LCD DRIVER
U1
HT1621B
J1
CON3
J2
1.0-15-20PB
S1
RS1611-16-FB15B7.0-00-G101
S2
RS1611-16-FB15B7.0-00-G101
S12
PED09712M-FB18A9.5-C10-200
U2
78L05BP
U3
TM1618
DS2
XR-C4023HG
D4
HT209-X(A)
UP
DN
BAND A/D
MODE A/D
CHAN UP
CHAN DN
SWR
10KHZ
S/RF
SCAN
FUNC
NB/ANL
RB
LCD OFF
+13V ON
5M
LED-DATA
LED-CLK
LED-TB
LCD-CS
KEY-OUT2
KEY-OUT1
BR9000-LCD-V3

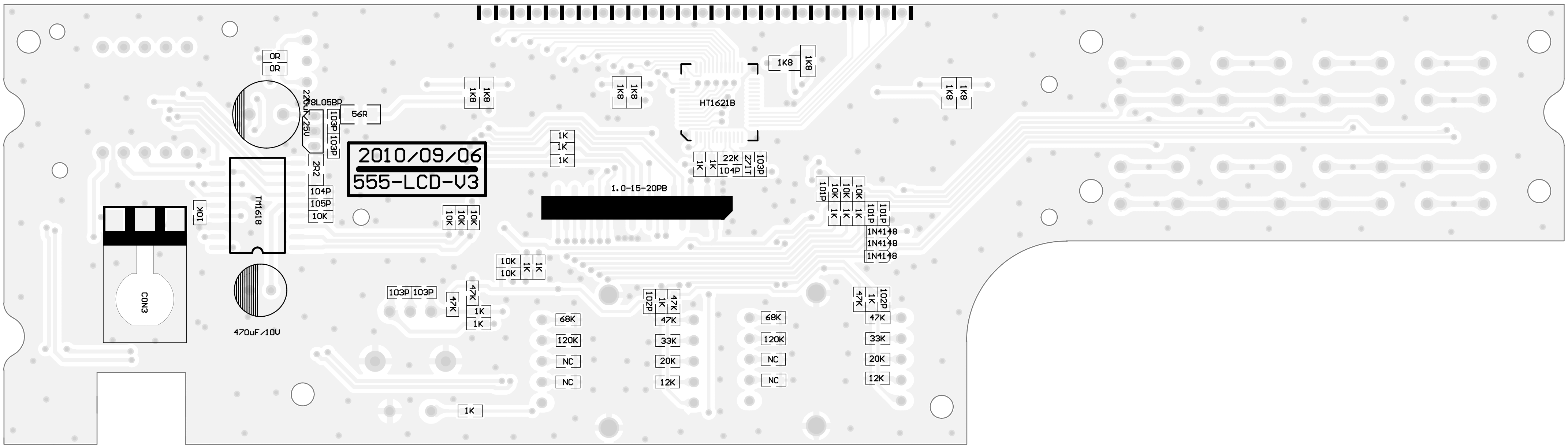
BR9000-LCD-V3



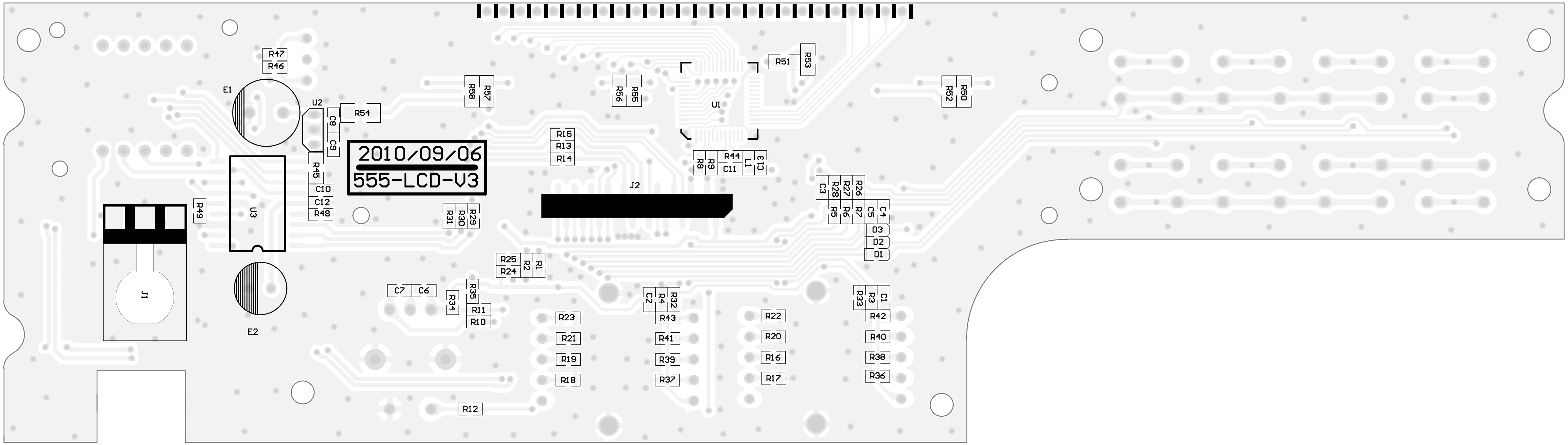
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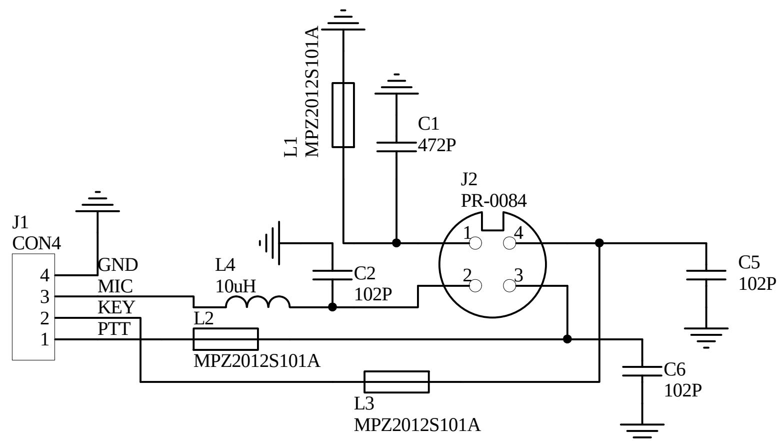


BR9000-LCD-V3



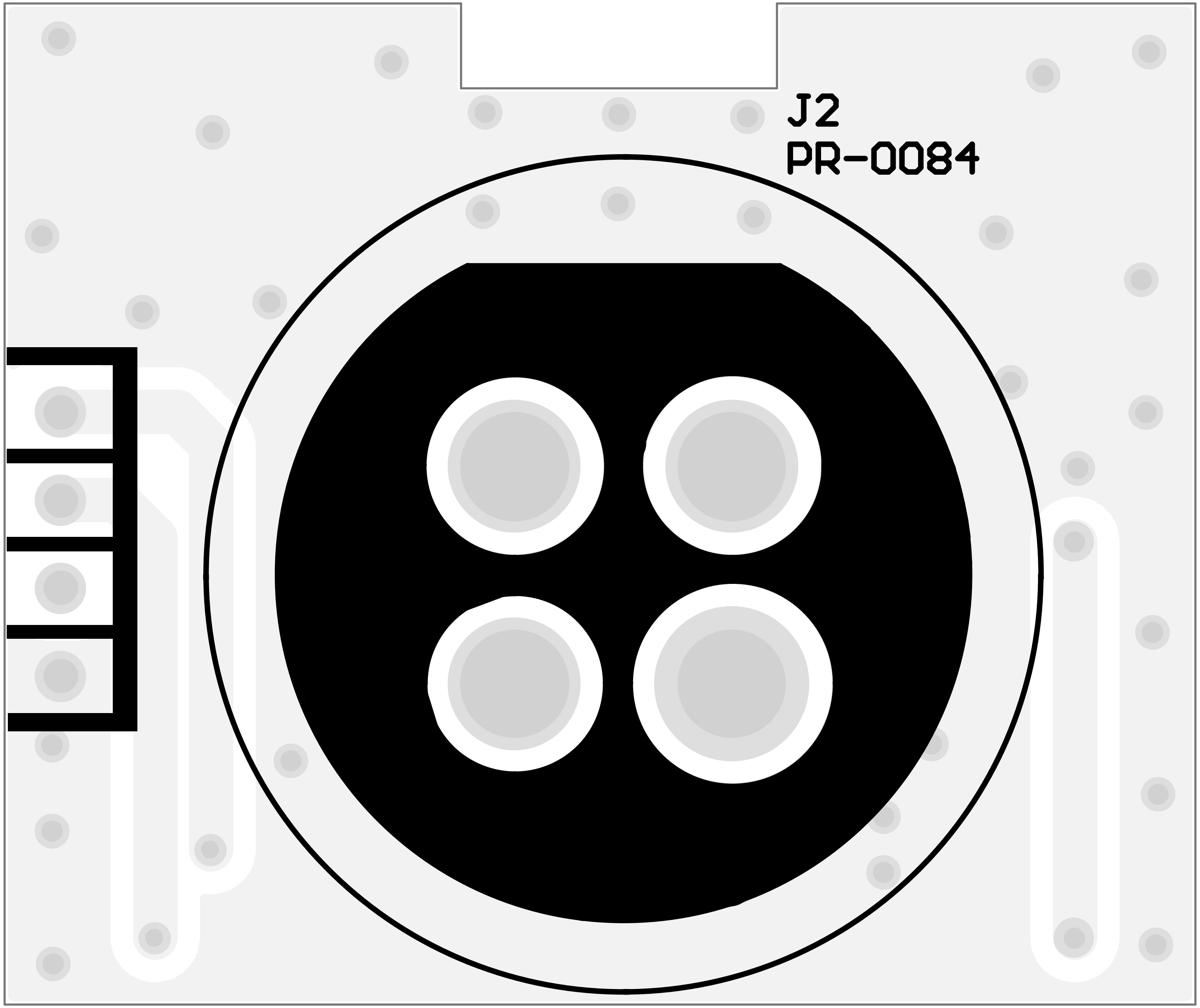
BR9000-LCD-V3



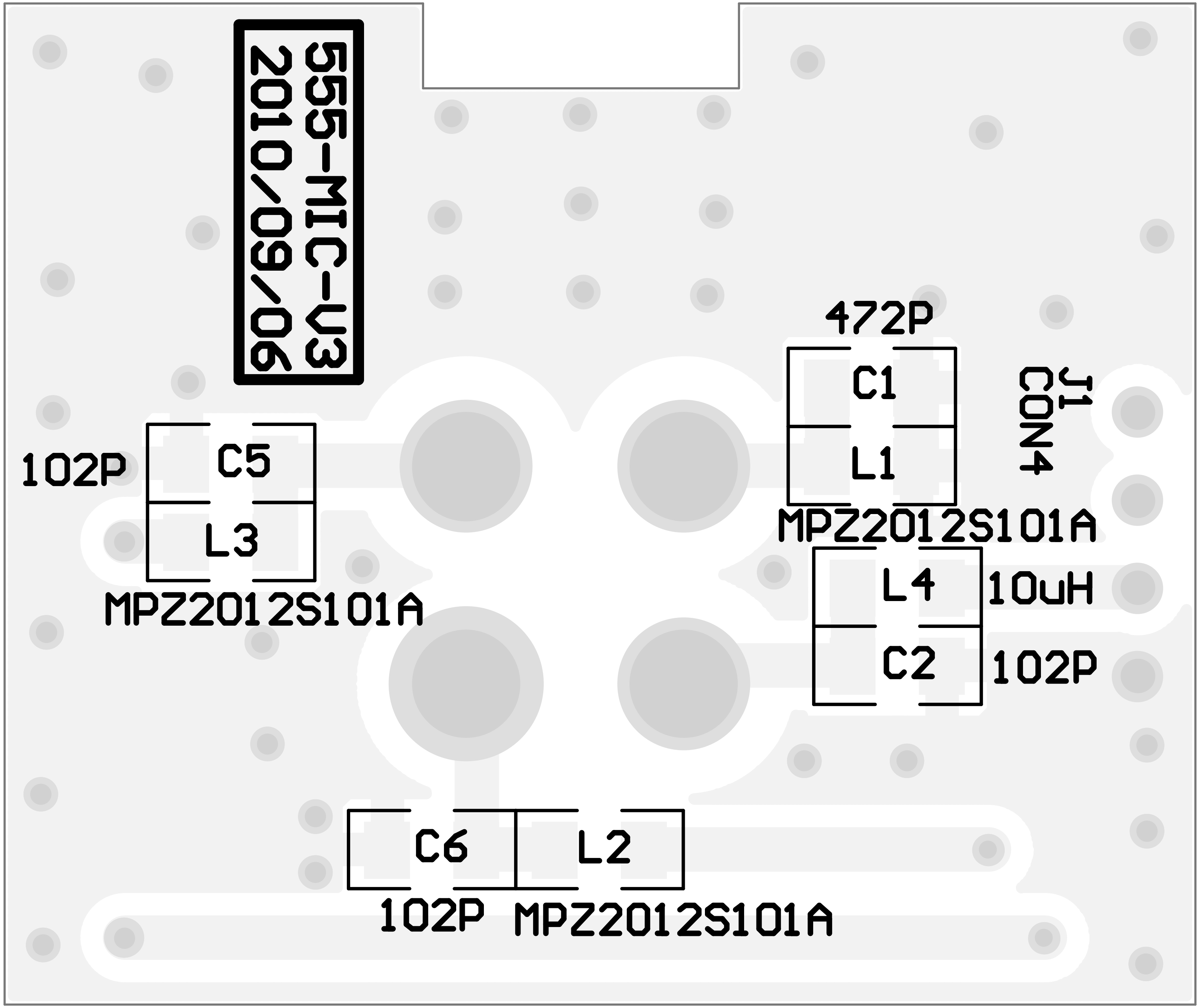


BR9000-MIC-V3

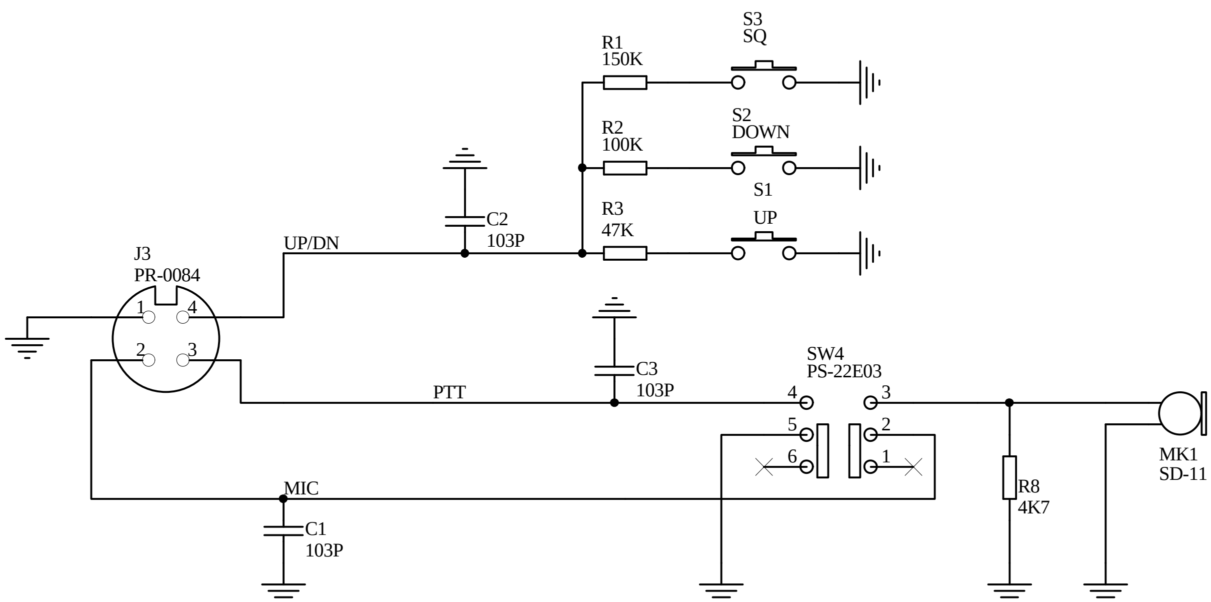
BR9000-MIC-V3

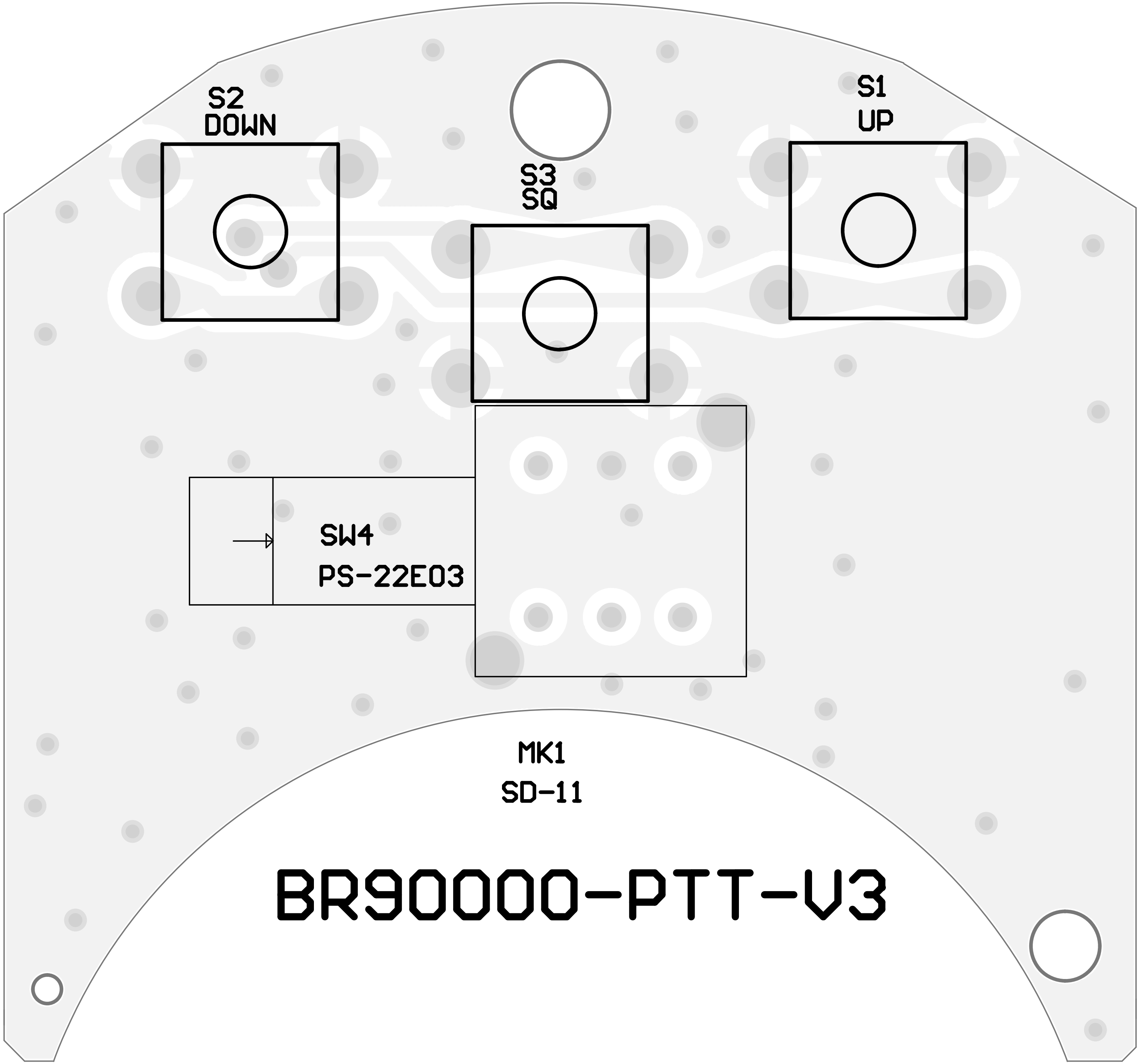


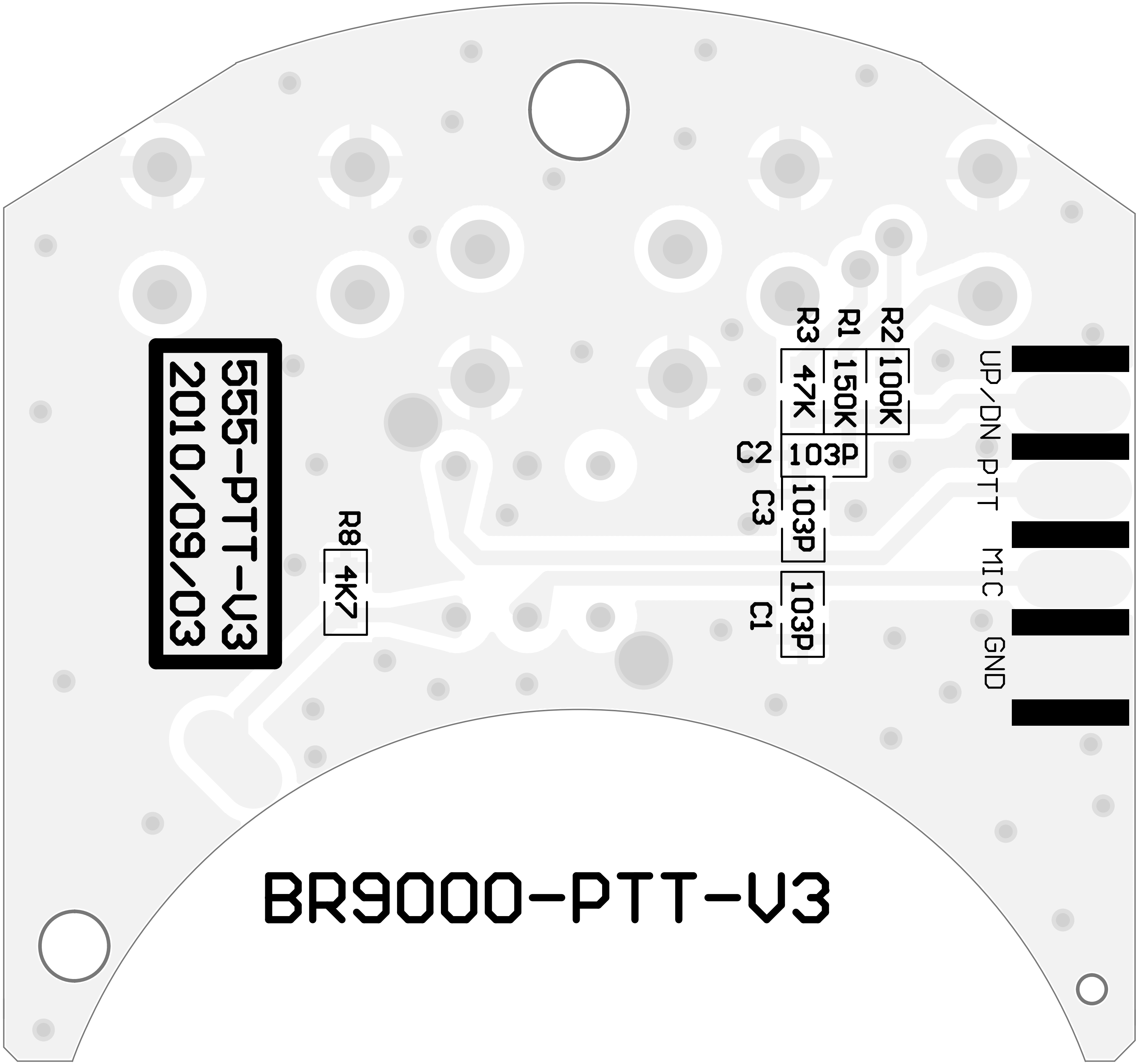
BR9000-MIC-V3

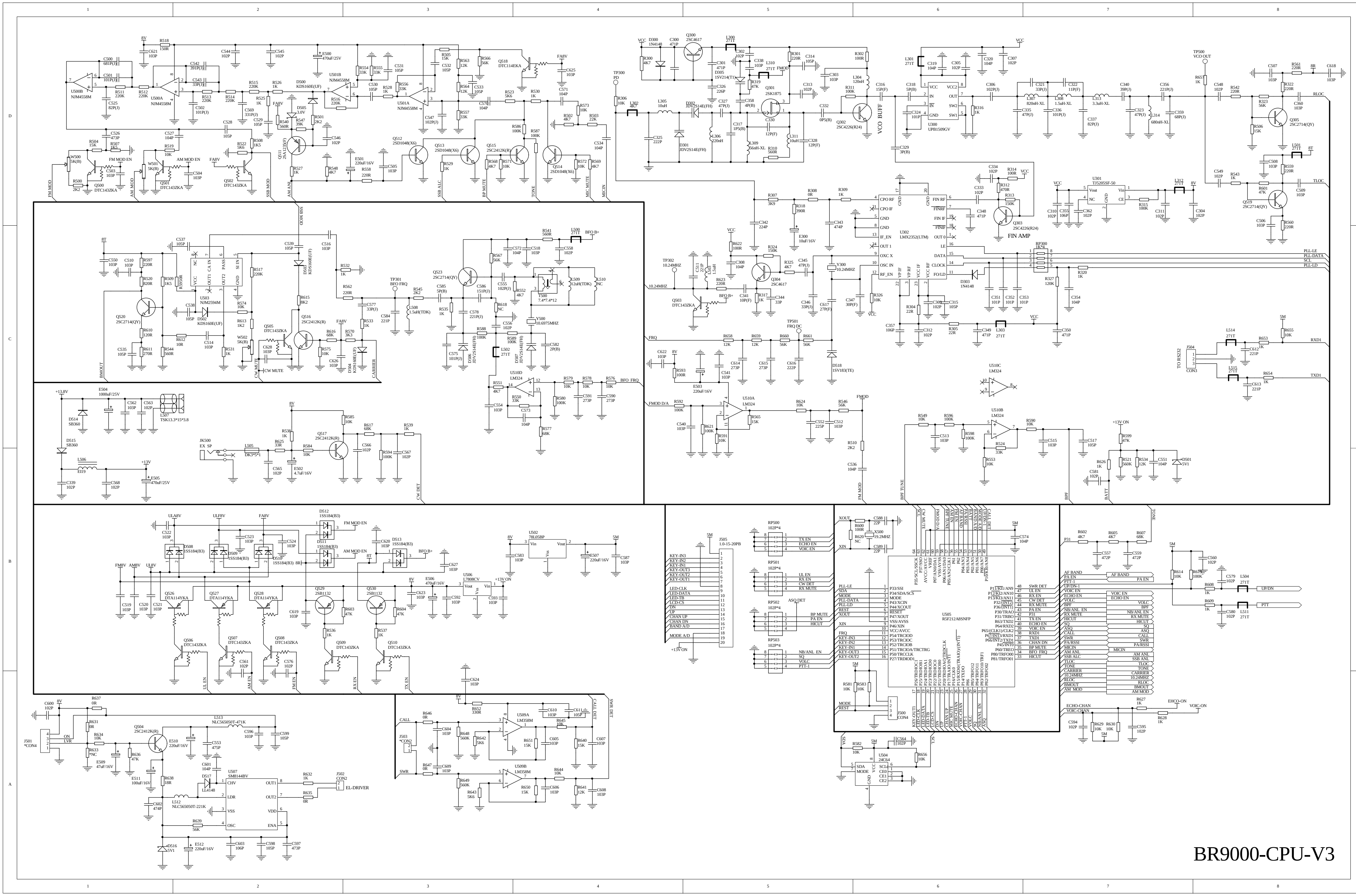


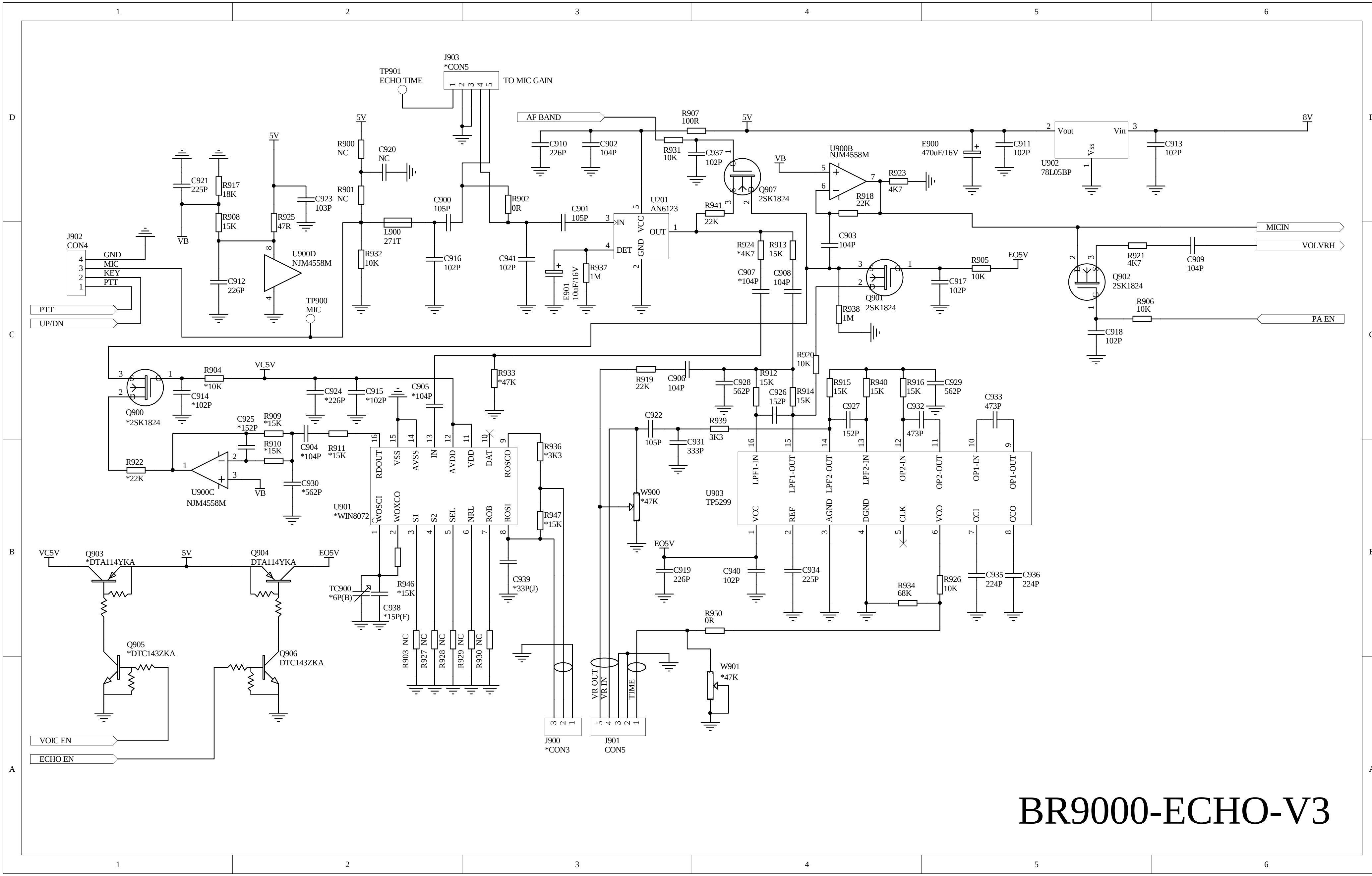
BR9000-PTT-V3



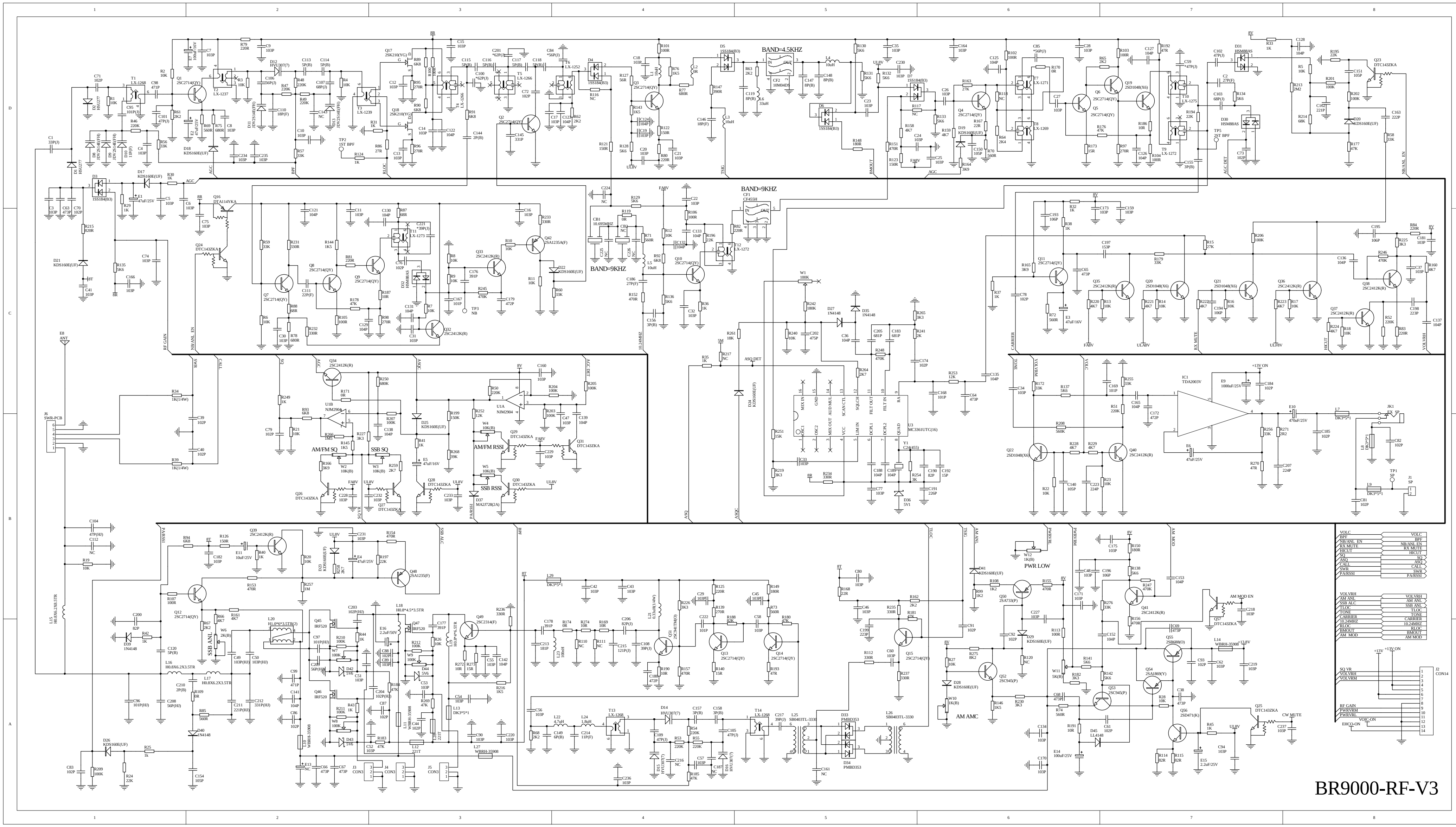

S2
DOWN
S3
SQ
S1
UP
SW4
PS-22E03
MK1
SD-11
BR90000-PTT-V3


555-PTT-V3
2010/09/03
R8
4K7
R3
47K
R1
150K
R2
100K
C2
103P
C3
103P
C1
103P
UP/DN
PTT
MIC
GND
J3
PR-0084
BR9000-PTT-V3

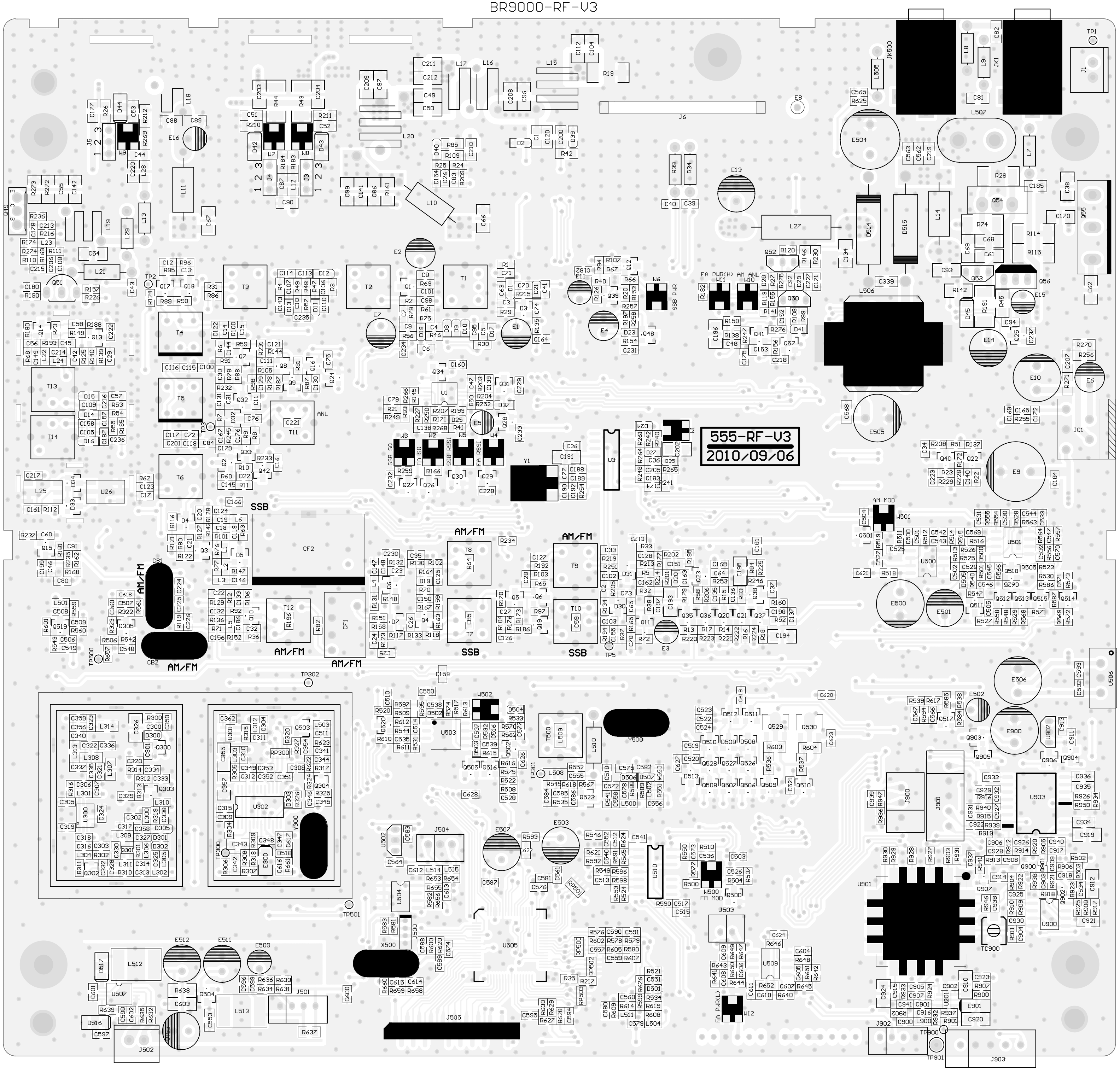

BR9000-CPU-V3



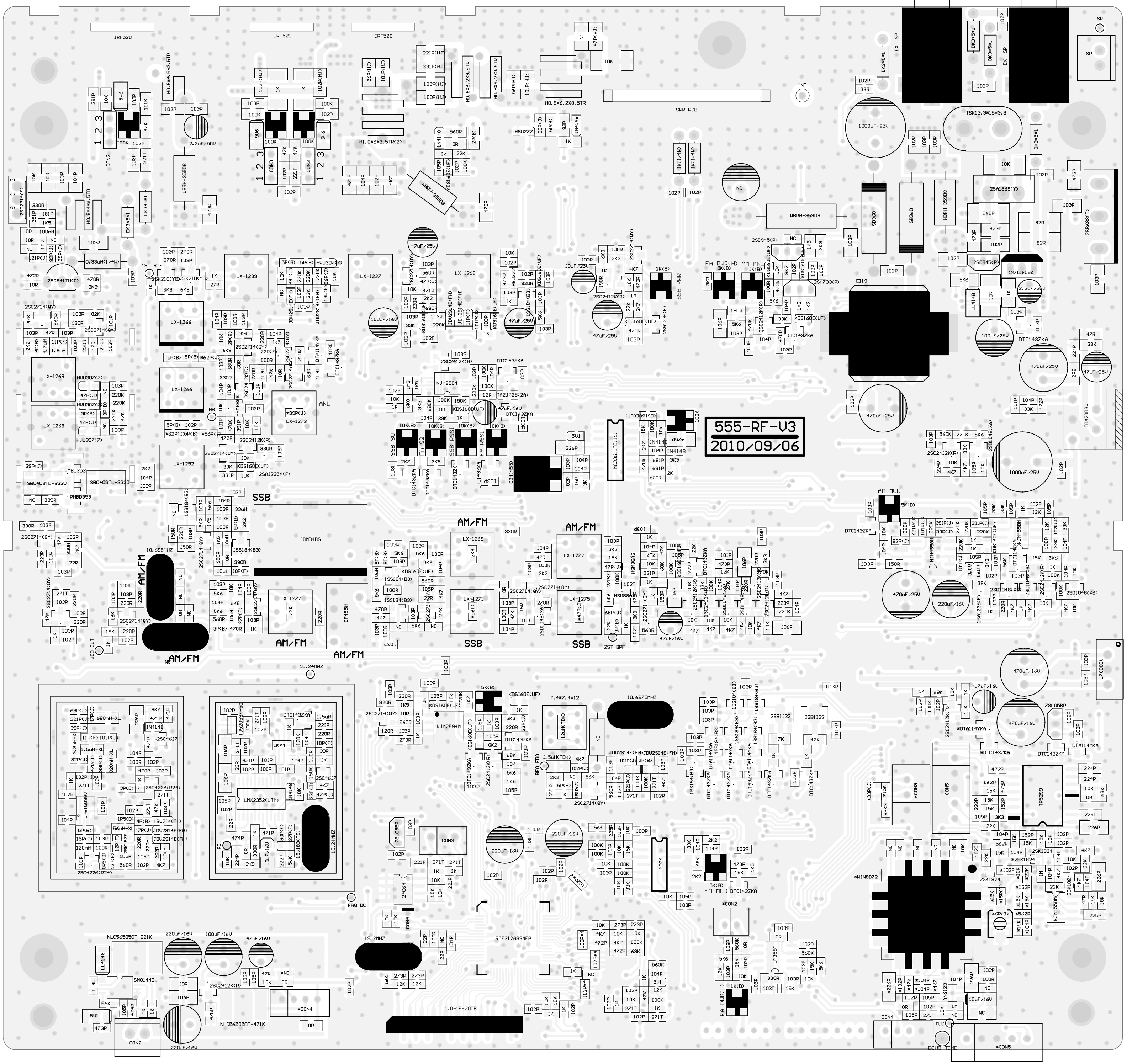
J903
*CON5
TO MIC GAIN
TP901
ECHO TIME
AF BAND
R907
100R
5V
8V
R931
10K
C937
102P
Q907
2SK1824
U900B
NJM4558M
VB
R923
4K7
R918
22K
E900
470uF/16V
C911
102P
U902
78L05BP
Vout
Vin
Vss
C913
102P
C910
226P
C902
104P
U201
AN6123
IN
DET
VCC
GND
OUT
R941
22K
C901
105P
R902
0R
C941
102P
E901
10uF/16V
R937
1M
R900
NC
R901
NC
C920
NC
C900
105P
L900
271T
C916
102P
R932
10K
R924
*4K7
R913
15K
C907
*104P
C908
104P
C903
104P
Q901
2SK1824
R938
1M
R905
10K
EQ5V
C917
102P
MICIN
VOLVRH
R921
4K7
C909
104P
Q902
2SK1824
R906
10K
PA EN
C918
102P
J902
CON4
GND
MIC
KEY
PTT
UP/DN
C921
225P
R917
18K
R908
15K
C912
226P
R925
47R
C923
103P
U900D
NJM4558M
TP900
MIC
Q900
*2SK1824
R904
*10K
VC5V
C914
*102P
C924
*226P
C915
*102P
C905
*104P
R933
*47K
R920
10K
C925
*152P
R909
*15K
R910
*15K
C904
*104P
R911
*15K
C930
*562P
R922
*22K
U900C
NJM4558M
U901
*WIN8072
RDOUT
VSS
AVSS
IN
AVDD
VDD
DAT
ROSCO
WOSCI
WOXCO
S1
S2
SEL
NRL
ROB
ROSI
R936
*3K3
R947
*15K
C939
*33P(J)
R946
*15K
TC900
*6P(B)
C938
*15P(F)
R903 NC
R927 NC
R928 NC
R929 NC
R930
R919
22K
C906
104P
C928
562P
R912
15K
C926
152P
R914
15K
C922
105P
C931
333P
R939
3K3
W900
*47K
R915
15K
R940
15K
C927
152P
R916
15K
C929
562P
C932
473P
C933
473P
U903
TP5299
LPF1-IN
LPF1-OUT
LPF2-OUT
LPF2-IN
OP2-IN
OP2-OUT
OP1-IN
OP1-OUT
VCC
REF
AGND
DGND
CLK
VCO
CCI
CCO
C919
226P
C940
102P
C934
225P
R934
68K
R926
10K
C935
224P
C936
224P
R950
0R
W901
*47K
VR OUT
VR IN
TIME
J900
*CON3
J901
CON5
Q903
*DTA114YKA
Q904
DTA114YKA
Q905
*DTC143ZKA
Q906
DTC143ZKA
VOIC EN
ECHO EN
BR9000-ECHO-V3

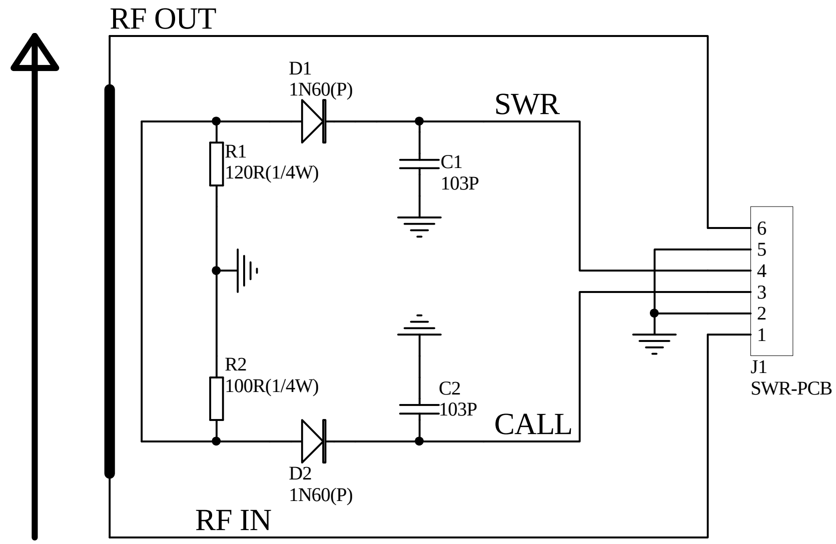

BAND=4.5KHZ
BAND=9KHZ
AM/FM SQ
SSB SQ
AM/FM RSSI
SSB RSSI
SSB ANL
PWR LOW
AM AMC
AM MOD EN
CW MUTE
BR9000-RF-V3

BR9000-RF-V3



BR9000-RF-V3


555-RF-V3
2010/09/06
SSB
AM/FM
SSB
AM/FM
AM/FM
AM/FM
SSB
AM/FM
SSB
AM/FM



BR9000-SWR-V3

BR9000-SWR-V3

